



PTO/SB/08B (07-06)
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/806,346		
		Filing Date	March 23, 2004		
		First Named Inventor	Jochen URTHALER		
		Art Unit	1636		
		Examiner Name	McGillen, Laura L.		
Sheet	1	of	3	Attorney Docket Number	0652.2620001/EKS/AES

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²	
/LLM/	NPL1	ASENJO, J.A., and ANDREWS, B.A., "Enzymatic Cell Lysis for Product Release," in <i>Separation Processes in Biotechnology</i> , Asenjo, J.A., ed., Marcel Dekker, Inc., New York, NY, pp. 143-175 (1990)		
/LLM/	NPL2	BIRNBOIM, H.C., and DOLY, J., "A rapid alkaline extraction procedure for screening recombinant plasmid DNA," <i>Nucleic Acids Res.</i> 7:1513-1523, Information Retrieval Limited (1979)		
/LLM/	NPL3	CARLSON, A., et al., "Mechanical Disruption of <i>Escherichia coli</i> for Plasmid Recovery," <i>Biotechnol. Bioeng.</i> 48:303-315, John Wiley & Sons, Inc. (1995)		
/LLM/	NPL4	CICCOLINI, L.A.S., et al., "Time Course of SDS-Alkaline Lysis of Recombinant Bacterial Cells for Plasmid Release," <i>Biotechnol. Bioeng.</i> 60:768-770, John Wiley & Sons, Inc. (1998)		
/LLM/	NPL5	CICCOLINI, L.A.S., et al., "A Mass Balance Study to Assess the Extent of Contaminant Removal Achieved in the Operations for the Primary Recovery of Plasmid DNA from <i>Escherichia coli</i> Cells," <i>Biotechnol. Bioeng.</i> 77:796-805, John Wiley Sons, Inc. (March 2002)		
/LLM/	NPL6	CHASE, H.A., "Purification of proteins by adsorption chromatography in expanded beds," <i>Trends Biotechnol.</i> 12:296-303, Elsevier Science Ltd. (1994)		
/LLM/	NPL7	DIOGO, M.M., et al., "Separation and Analysis of Plasmid Denatured Forms Using Hydrophobic Interaction Chromatography," <i>Anal. Biochem.</i> 275:122-124, Academic Press (1999)		
/LLM/	NPL8	FERREIRA, G.N.M., et al., "Development of Process Flow Sheets for the Purification of Supercoiled Plasmids for Gene Therapy Applications," <i>Biotechnol. Prog.</i> 15:725-731, American Chemical Society and American Institute of Chemical Engineers (1999)		
/LLM/	NPL9	FERREIRA, G.N.M., et al., "Anion exchange purification of plasmid DNA using expanded bed adsorption," <i>Bioseparation</i> 9:1-6, Kluwer Academic Publishers (2000)		
/LLM/	NPL10	FOSTER, D., "Cell Disruption: Breaking Up is Hard to Do," <i>Biotechnology</i> 10:1539-1541, Nature Publishing Co. (1992)		
Examiner Signature	/Laura McGillen/		Date Considered	06/20/2007

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		Attorney Docket Number	0652.2620001/EKS/AES

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/LLM/	NPL11	LEVY, M.S., <i>et al.</i> , "Effect of shear on plasmid DNA in solution," <i>Bioprocess Eng.</i> 20:7-13, Springer-Verlag (1999)	
/LLM/	NPL12	LEVY, M.S., <i>et al.</i> , "The effects of material properties and fluid flow intensity on plasmid DNA recovery during cell lysis," <i>Chem. Eng. Sci.</i> 54:3171-3178, Elsevier Science Ltd. (1999)	
/LLM/	NPL13	MARQUET, M., <i>et al.</i> , "Process Development for the Manufacture of Plasmid DNA Vectors for Use in Gene Therapy," <i>BioPharm.</i> 20:26-37, UCB-Bioproducts S.A. (1995)	
/LLM/	NPL14	PRAZERES, D.M.F., <i>et al.</i> , "Large-scale production of pharmaceutical-grade plasmid DNA for gene therapy: problems and bottlenecks," <i>Trends Biotechnol.</i> 17:169-174, Elsevier Science (1999)	
/LLM/	NPL15	RUSH, M.G., and WARNER, R.C., "Alkali Denaturation of Covalently Closed Circular Duplex Deoxyribonucleic Acid," <i>J. Biol. Chem.</i> 245:2704-2708, The American Society of Biological Chemists, Inc. (1970)	
/LLM/	NPL16	THEODOSSIOU, I., <i>et al.</i> , "The processing of a plasmid-based gene from <i>E. Coli</i> . Primary recovery by filtration," <i>Bioprocess Eng.</i> 16:175-183, Springer-Verlag (1997)	
/LLM/	NPL17	THEODOSSIOU, I., <i>et al.</i> , "Methods of enhancing the recovery of plasmid genes from neutralised cell lysate," <i>Bioprocess Eng.</i> 20:147-156, Springer-Verlag (1999)	
/LLM/	NPL18	VARLEY, D.L., <i>et al.</i> , "Production of plasmid DNA for human gene therapy using modified alkaline cell lysis and expanded bed anion exchange chromatography," <i>Bioseparation</i> 8:209-217, Kluwer Academic Publishers (1999)	
/LLM/	NPL19	Dialog File 351, Derwent World Patents Index, Accession No. 6383967, English language abstract for WO 93/11218 A1 and EP 0 875 271 A2 (Documents FP2 and FP12 on accompanying PTO/SB/08A)	
/LLM/	NPL20	Dialog File 351, Derwent World Patents Index, Accession No. 7564643, English language abstract for WO 96/08500 A1 (Document FP5 on accompanying PTO/SB/08A)	

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/LLM/	NPL21	Dialog File 351, Derwent World Patents Index, Accession No. 8644090, English language abstract for WO 98/11208 A1 (Document FP11 on accompanying PTO/SB/08A)	
/LLM/	NPL22	Dialog File 351, Derwent World Patents Index, Accession No. 9536111, English language abstract for WO 99/37750 A1 (Document FP14 on accompanying PTO/SB/08A)	
/LLM/	NPL23	Dialog File 351, Derwent World Patents Index, Accession No. 12687730, English language abstract for WO 02/057446 A1 (Document FP20 on accompanying PTO/SB/08A)	

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ² Number ³ Kind Code ⁴ (if known)				
/LLM/	FP1	EP 0 376 080 A1	07/04/1990	Talent SRL		
/LLM/	FP2	WO 93/11218 A1	06/10/1993	Diagen Institut Für Molekularbiologische Diagnostik GmbH		Abs
/LLM/		WO 95/21250 A2	08/10/1995	Vical Incorporated		
/LLM/	FP4	WO 96/02658 A1	02/01/1996	Merck & Co., Inc.		
/LLM/	FP5	WO 96/08500 A1	03/21/1996	Qiagen GmbH		Abs
/LLM/	FP6	WO 96/21729 A1	07/18/1996	Vical Incorporated		
/LLM/	FP7	WO 96/36706 A1	11/21/1996	Merck & Co., Inc.		
/LLM/	FP8	WO 97/23601 A1	07/03/1997	Genzyme Corporation		
/LLM/	FP9	WO 97/29190 A1	08/14/1997	Therexsys Limited		

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/LLM/	FP10	EP 0 814 156 A2	12/29/1997	The Institute of Physical & Chemical Research		
/LLM/	FP11	WO 98/11208 A1	03/19/1998	Transgene S.A.		Abs
/LLM/	FP12	EP 0 875 271 A2	11/04/1998	Qiagen GmbH		Abs
/LLM/	FP13	WO 99/16869 A1	04/08/1999	Amersham Pharmacia Biotech AB		
/LLM/	FP14	WO 99/37750 A1	07/29/1999	Pasteur Merieux Serums et Vaccins		Abs
/LLM/	FP15	WO 99/63076 A1	12/19/1999	The Immune Response Corporation		
/LLM/	FP16	WO 00/05358 A1	02/03/2000	Valentis, Inc.		
/LLM/	FP17	WO 00/09680 A1	02/24/2000	Chiron Corporation		
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/LLM/	FP18	WO 01/07599 A1	02/01/2001	Genentech, Inc.		
/LLM/	FP19	WO 02/04027 A1	01/17/2002	Instituto Superior Tecnico		
/LLM/	FP20	WO 02/057446 A2	07/25/2002	Drm, Dr. Müller AG		Abs
/LLM/	FP21	WO 02/26966 A2	04/04/2002	Ecole Polytechnique Federale de Lausanne		

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/Laura McGillem/

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